

# Queen Street wastewater diversions

Improving the wastewater network in Midtown



Queen Street, corner of  
Wellesley Street

## Why is the project needed?

The Midtown wastewater catchment is expecting substantial growth from residential and commercial development. To cater for this substantial growth and resolve existing wastewater overflows in the central city, it is recommended that the wastewater network in the area undergo redesign to accommodate for this growth.

## Project overview

To improve capacity, we're installing a new wastewater pipeline underneath Queen Street from Mayoral Drive to Victoria Street, connecting into the Ōrakei Main Sewer. The project is divided into different parts to reduce the impact on residents and traffic and allow better coordination with other projects happening in Midtown, including the City Rail Link.

## How will this project affect you?

During site investigations and construction phases you may notice some works in the area. We are working to minimise the impact

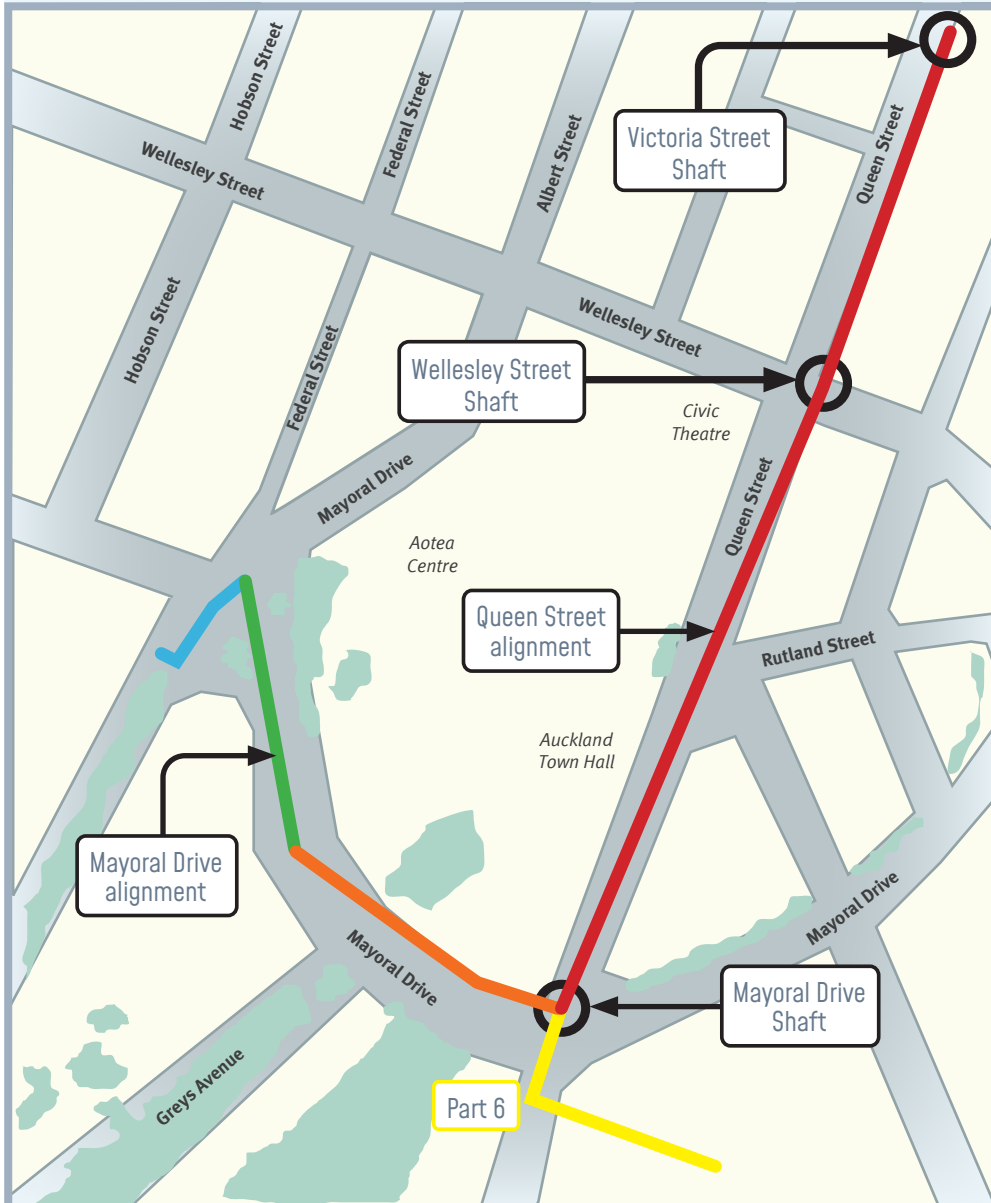
of these and will notify you in advance of any potential disruption.

If you live, own a property, or work in the area, we may reach out to you with more detailed information about impacts such as noise and vibration.

- All site works will ideally be undertaken during daylight hours, Monday-Saturday. This could be limited by constraints such as traffic management and weather.
- Construction sites will be fenced for the safety of the public and construction team.
- Where daylight work is not approved by Auckland Transport (AT) it may be necessary to carry out some night works. There are restrictions on these works, to ensure minimum disruption for residents.
- Any work undertaken overnight will typically be between 7pm and 5am, to primarily reduce traffic impacts.

## What will the works entail?

The proposed pipeline is divided into several parts to reduce the impact on residents and traffic and allow better coordination with other projects happening in Midtown, including the City Rail Link.



The Mayoral Drive Alignment will be constructed using a mix of open cut and trenchless construction while the Queen Street Alignment will be constructed using trenchless construction.

Several shafts are envisaged to be constructed for the Mayoral alignment. Exact numbers still to be determined.

Three shafts will be constructed for the Queen Street Alignment with the Tunnel Boring Machine will be launched at Mayoral Drive Shaft and received at Victoria Street Shaft.

### Trenchless construction of the Queen Street pipeline

The new pipe will be installed underground mainly using a micro-tunnel boring machine.

Three shafts will be built along the pipes' route to support construction. The machine will go underground at Mayoral Drive and re-emerge at Victoria Street. The shaft at Wellesley will be used to connect the existing network.

## What happens next?

We are currently finalising the design of the new infrastructure and working to better understand how the construction may affect neighbours, local residents and traffic flow.

Watercare will then apply for the necessary permissions such as resource consent for the works. Auckland Council will make a decision on whether resource consents will be notified based on the level of construction effects.

Once we have the necessary permissions and resource consents from Auckland Council / Auckland Transport, our construction contractor will undertake the works. We are aiming for construction to start Q1 2024 through to Q3 2025 for the Queen Street alignment. It is proposed that the Mayoral Drive alignment works and the remaining portion of the pipeline will start directly after construction under Queen Street. Construction programme is subject to necessary permissions and weather.

## Benefits of the project

Helps reduce overflows



Caters for population growth



Additional pipe capacity



## Project timeline



## Any questions regarding the project?

If you have any questions regarding the project, please contact us on:



Email: [midtown@water.co.nz](mailto:midtown@water.co.nz)



Regular updates can be found by visiting:

<https://www.watercare.co.nz/queenstreet>